



# Advisory Council

Thursday, February 13, 2020



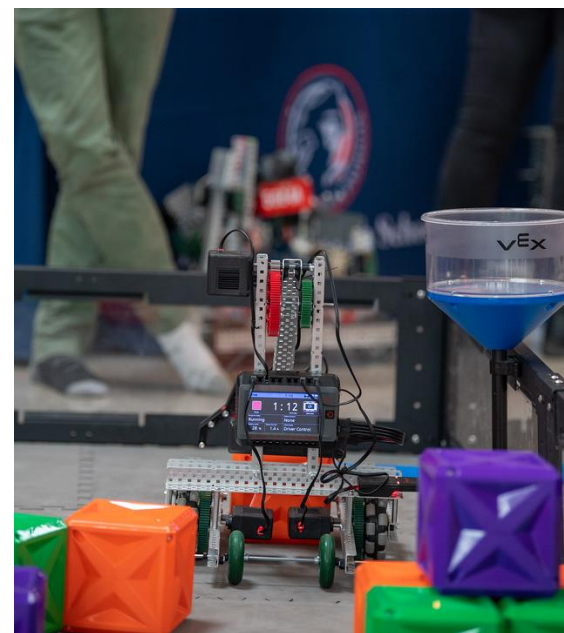
# Welcome & Roll Call

- Welcome from Commissioner Reed & Senator Hewitt
- Dr. David Lafargue, LaSTEM Program Manager
  - Roll Call
  - Minutes Approval



# LaSTEM Updates

- Minutes, Presentations, and Annual Reports now available on LaSTEM website
- New Council Members
  - Dr. Kenya Messer – LAICU
  - Mr. Ronnie Morris – BESE designee
  - Ms. Meredith Trahant – LA Workforce Commission designee
  - Ms. Melissa Mann – LED
  - Ms. Bianca Deliberto - LSTA



# 2020 LaSTEM Annual Summit

October 29, 2020



# Council Discussion

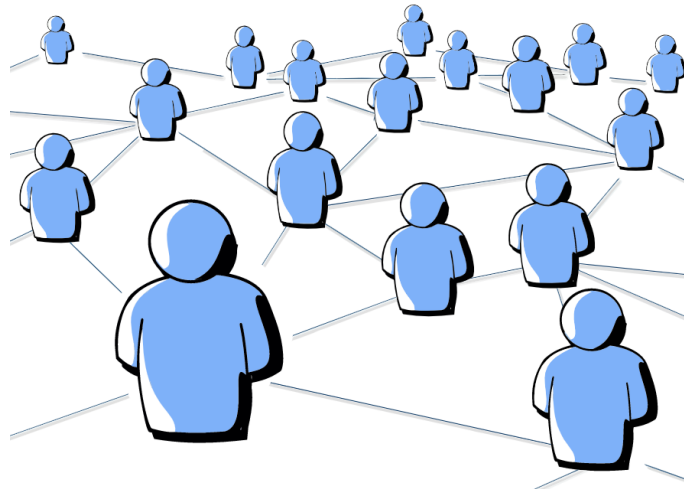
- STEM Pathway Awareness, Incentives, and Recognition (PAIR) Working Group
  - Council Update – Mr. Nathan Corley





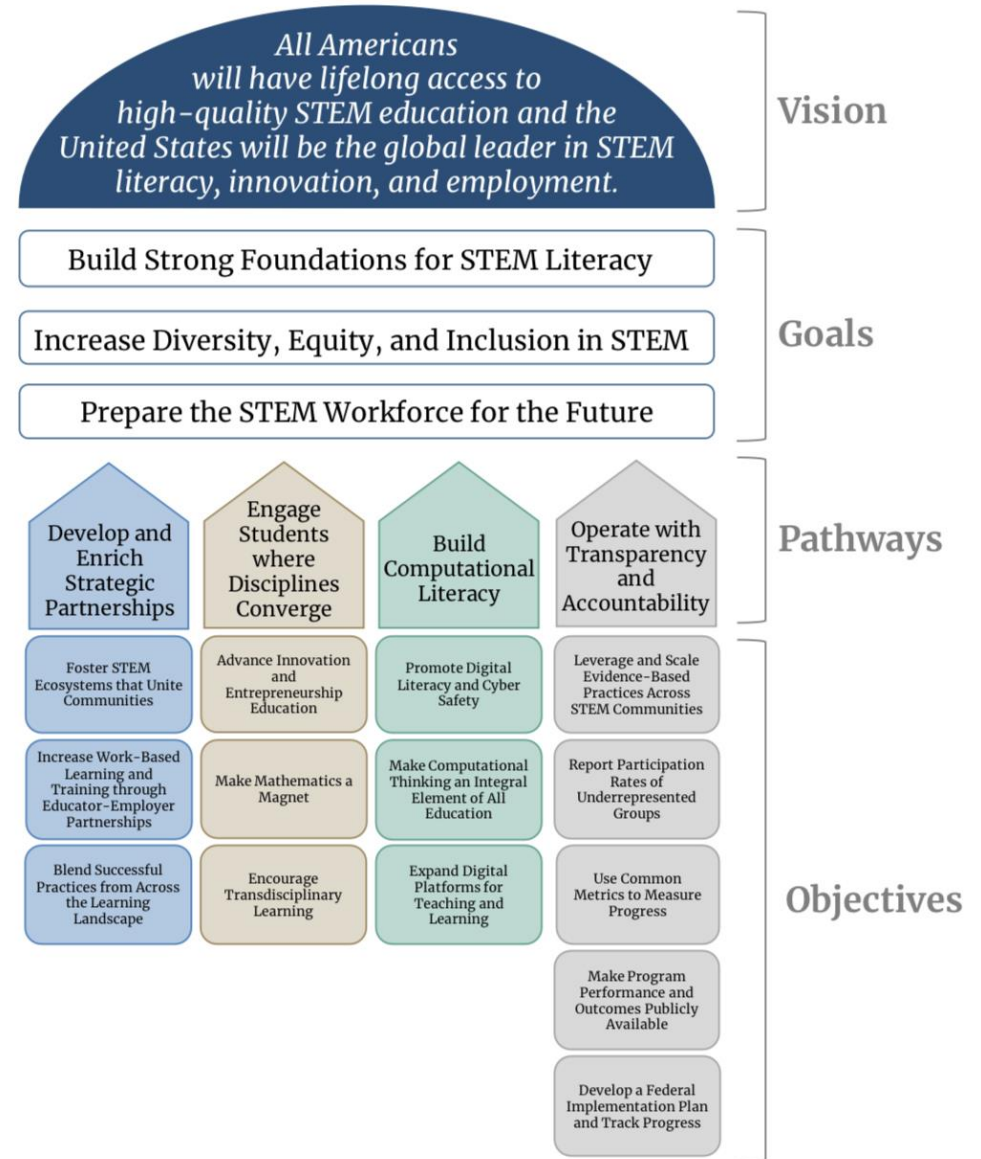
# Council Discussion

- Regional STEM Center/Director (RSCD) Working Group
  - Council Update
    - Review RFP Document
    - Funding
    - Timeframe
- RSCD selection subcommittee & call for volunteers

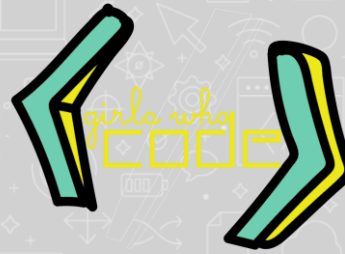


## Council Discussion

- Proposed alignment to framework of National STEM Strategic Plan
- Create crosswalk and present May 20, 2020



**Figure 1.** Schematic illustrating the organizational structure of the five-year strategic plan for STEM education, developed by the National Science and Technology Council's Committee on STEM Education and released in December 2018. The plan's vision is supported by three aspirational goals. Four pathways contain objectives to guide efforts by the Federal government and wider STEM education community to realize the strategic plan's vision and goals.



2019-20

**Girls Who Code Presents:**  
**Developing K-12 LA Tech Pipeline with**  
**FREE Girls Who Code curriculum!**

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# GIRLS WHO CODE CLUBS OVERVIEW



# Welcome!

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→ **Josué De Paz**  
Manager, Community Partnerships  
& Outreach  
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Today alone, there are...

**500,000**

**open computing  
jobs in the U.S.**

**100K** average salary

**91%** located outside of Silicon Valley

**67%** in non-tech fields

Not everyone is included in this opportunity...

**23%**

**tech employees  
are women**

**compared to 37% in 1995**

ONLY

**19%** students who receive a degree in  
computing are women

ONLY

**2%** are women of color

# Computer Science in Louisiana

Average Salary: \$71,016 vs. Median Existing Salary of \$42,660

**2,178**  
Open computing jobs in  
Louisiana in 2017

ONLY  
**455**  
CS Graduates  
in LA in 2017

ONLY  
**24%**  
were female.

## OUR MISSION

**“Girls Who Code works to inspire, educate, and equip girls with the computing skills needed to pursue 21st century opportunities.”**



## OUR VISION

**“Our vision is to reach gender parity in computing and technology sectors.”**



## WHO WE SERVE



Girls Who Code serves all girls, especially those who:

- Are **underrepresented** in computer science and technology fields in terms of race, creed or background
- Have **little to no access or exposure** to computer science education in school
- Are **Free and Reduced Lunch** eligible
- Identify as female **regardless of gender assignment** at birth or legal recognition



*\*For our Girls Who Code Club program, we welcome students of all genders to join!*

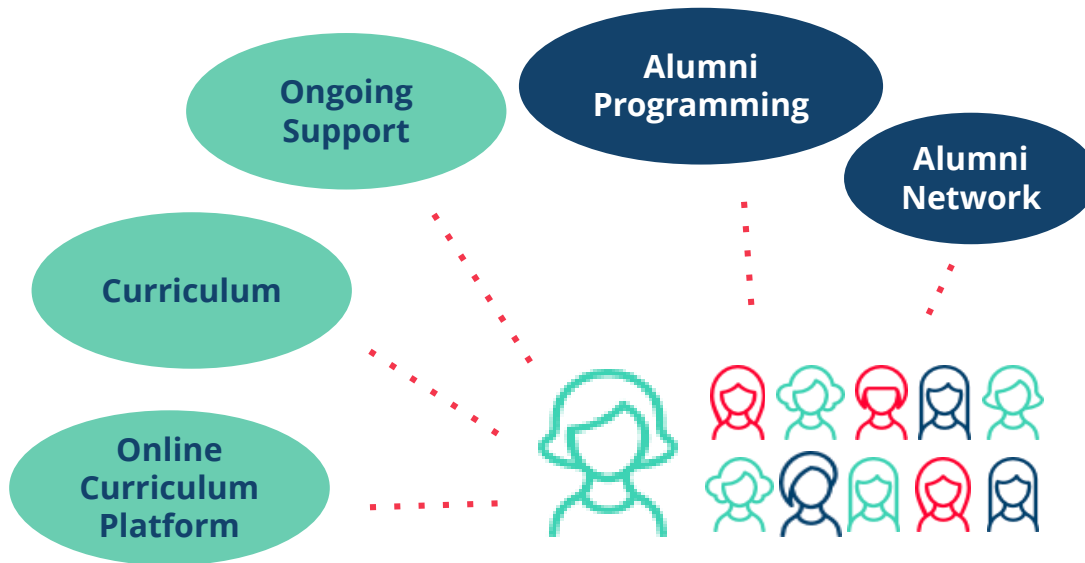


# Girls Who Code Clubs

# GIRLS WHO CODE CLUBS OVERVIEW



Clubs are **FREE** after-school programs for 3-12th grade girls to join our sisterhood of supportive peers and role models and use computer science to change the world.

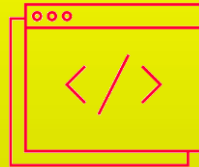
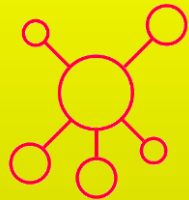


Clubs are led by **Facilitators**, who can be teachers, librarians, parents, or volunteers from any background or field.

**No computer science experience needed!**

Learn to code alongside their Club members with our comprehensive resources and support.

# What GWC Provides



## LOGISTICS SUPPORT



## CS SKILLS



## COMMUNITY

- Customizable **Club Plans**
- **Student Recruitment** Resources
- **Clubs Fund**, mini-grant \$\$ (for books, supplies, snacks, robots, field trips, and more!)

- Custom Online **Training**
- Girls Who Code **HQ Platform**
- **120+ hrs of Curriculum** (6-12)
- **Chapter Guides** & Scratch Tutorials (3-5)
- Extended CS **PD Resources**

- **Sisterhood Activities**
- **Clubs Success Specialist**
- In-person and virtual **events**, when available
- **Alumni programming** and networking

# The National Pipeline

3rd-5th  
Grade Clubs

6th-12th  
Grade Clubs

College Loops

Alumni

**6,500+**  
2018-19 CLUBS

**185,000**  
GIRLS SERVED TO DATE

**50%**

are from historically  
underrepresented  
groups.

Majoring in  
CS-related fields:

**15-16X**  
the national rate.



# GWC Clubs in Louisiana



**Our LA Clubs span  
across the state, in  
some of the following  
cities:**

Baton Rouge

Harvey

Lafayette

Youngsville

Houma

Monroe

New Orleans

Lake Charles

Shreveport

Springfield



# Other Business

- LaSTEM Quarterly Meetings for 2020
  - Wednesday, May 20, 2020 - 10:00 am - 12:00 pm
  - Wednesday, August 12, 2020 - 10:00 am - 12:00 pm
  - Tuesday, November 10, 2020 - 10:00 am - 12:00 pm
- New Business?



# Next LaSTEM Meeting

May 20, 2020 at 10:00 am

Thomas Jefferson Room  
Claiborne Building



Educate

ELEVATE

Innovate

*Louisiana*